

ECS Configuration Change Request

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1. Originator Evan Winston	2. Log Date: 10/25/00	3. CCR #: 00-1038	4. Rev: —	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5B.06_STMGT.03 to DAACs, VATC, PVC. Fix to: StagingDiskServer core dumps when destroying SDRReal						
9. Originator Signature/Date <i>Evan Winston</i> 10/25/00		10. Class II	11. Type: CCR	12. Need Date: 25 OCT2000		
13. Office Manager Signature/Date <i>Evan Winston</i> 10/25/00 For Tim Ortiz		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. CI(s) Affected: STMGT		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCRs ECSed28696 Sev 1.						
23. Problem: (use additional Sheets if necessary) Problem: Fix leak of Shared Memory Partitions. StagingDiskReal objects were being deleted twice. Cannot keep up with Distribution load due to StagingDisk core dumps. Starting Sunday night, the staging disk server began core dumping at least once per hour. Current Workaround: Restart the StagingDiskServer.						
24. Proposed Solution: (use additional sheets if necessary) Code was added to DsStDCStagingDiskConcrete::DestroyRealSD to make sure that the StagingDiskReal object exists before Destroying it. Log messages were added if the object does not exist. This TE must be loaded over top of 5B.03 installations with TE 5B.05_STMGT.01 and 5B.06_STMGT.02 installed. Or on top of installations of 5B.06 with TE 5B.06_STMGT.02 installed.						
25. Alternate Solution: (use additional sheets if necessary) Take no action now and wait until 5B.07 is available at the DAACs.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAACs must continue to work around the problems and/or modify operating procedures.						
27. Justification for Emergency (If Block 15 is "Emergency"): Resolves DAAC operational problem.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Stall</i> 10/25/00		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/EGS				
33. M&O CCB Chair (Sign/Date): <i>Samir D. Deshpande</i> 10/25/00		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 00-1038 Rev: - Originator: Evan Winston

Telephone: 301.925.0348 Office: DEV/CO

Title of Change: Test Executable 5B.06_STMGT.03 to DAACs, VATC, PVC. Fix to: StagingDiskServer core dumps when destroying SDRReal

CM: PLEASE, build two SGI TAR files for the listed files from the current 5B baseline and provide to the SMC.

TAR file IRIX65

/ecs/formal/DSS/bin/IRIX65/EcDsStStagingDiskServer

TAR file IRIX62

/ecs/formal/DSS/bin/sgi6n32/EcDsStStagingDiskServer

SMC: Receive the TAR file(s) and make available to the DAACs, PVC and VATC.

DAAC Install Instructions:

1. Get Files from SMC distribution;
2. Select proper IRIX (for 6.5 or for 6.2)
3. UNTAR into staging area
4. Use the 'cp' from the command line to replace the file.

5. REPLACE all occurrences of the file included with this TE mode-by-mode, using the same permissions levels and ownerships as previous file. This file is on STMGT APC servers located in: usr/ecs/<mode>/CUSTOM/bin/DSS/

This TE must be loaded over top of 5B.03 installations with TE 5B.05_STMGT.01 and 5B.06_STMGT.02 installed.
Or on top of installations of 5B.06 with TE 5B.06_STMGT.02 installed..

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